

### AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the captioned patent application.

#### *Listing of Claims*

58. (Currently Amended) In a signal measurement system, a method ~~A method~~ for graphically displaying an annotation label on a graphical user interface on which waveforms of the signal measurement system are displayed;

(1) displaying on the graphical user interface a first display element representing the function of displaying [adding] an annotation label;

(2) receiving an indication that an operator graphically selected said first display element;

(3) displaying, on the graphical user interface, a display region through which the operator can enter ~~a desired content~~ data related to a waveform displayed on the graphical user interface, wherein said data is to be displayed in the annotation label;

(4) receiving through a user interface said waveform-related data to be displayed in said dialog box; ~~box; and~~

(5) displaying said annotation label on said graphical user interface.

59. (Previously Presented) The method of claim 58, wherein said first display element comprises any known display element supported by the graphical user interface.

60. (Previously Presented) The method of claim 58, wherein said first display element comprises an icon.

61. (Previously Presented) The method of claim 58, wherein said first display element comprises a graphical button rendered on a dialog box.

62. (Previously Presented) The method of claim 58, wherein said display region through which the operator can enter a desired content to be displayed in the annotation label is a window.

63. (Previously Presented) The method of claim 58, wherein said display region through which the operator can enter a desired content to be displayed in the annotation label is a dialog box

64. (Previously Presented) The method of claim 58, wherein said data to be displayed in said dialog box comprises data in the form of text strings.

65. (Previously Presented) The method of claim 58, wherein said data to be displayed in said dialog display region comprises data in the form of graphical symbols.

66. (Previously Presented) The method of claim 58, wherein said data to be displayed in said dialog display region comprises data in the form of graphical symbols.

67. (Previously Presented) The method of claim 58, further comprising the steps of:

displaying a second display element on the graphical user interface indicating that the operator has the opportunity to alter the manner in which the annotation label is rendered;

receiving an indication that the operator has selected said second display element;

displaying, in response to said indication that the operator has selected said second display element, a rendering options display window on the graphical user interface;

receiving operator inputs applied to said rendering options display window; and

displaying said annotation label in accordance with said operator inputs to said rendering options display window.

68. (Previously Presented) A method for graphically annotating measurement waveforms in a signal measurement system having a graphical user interface through which waveforms and measurement results are displayed on a display of the signal measurement system, the method comprising the steps of:

graphically generating, in response to an operator request, an annotation label containing operator-generated information; and

graphically positioning said annotation label at a location on the display determined by the operator.

69. (Previously Presented) The method of claim 68, wherein said location of said annotation label is such that said annotation label is positionally associated with a desired feature of a waveform displayed on the display.

70. (Previously Presented) The method of claim 68, wherein said information is presented in one or more forms comprising at least one of textual and symbolic form.

71. (Previously Presented) The method of claim 68, wherein said information is provided by the operator using a keyboard operatively associated with the signal measurement system.

72. (Previously Presented) The method of claim 71, wherein said keyboard is a graphically-displayed keyboard on which the operator graphically selects displayed keys of the graphical keyboard through use of a cursor controlled by a pointing device operatively coupled to said signal measurement system.

73. (Previously Presented) The method of claim 68, wherein the information is entered by the operator through a voice recognition system.

74. (Previously Presented) The method of claim 68, further comprising the steps of:  
adjusting appearance characteristics of said annotation label displayed on said graphical user interface in response to operator commands.

75. (Previously Presented) The method of claim 68, wherein said annotation label is implemented as dialog box.

76. (Previously Presented) The method of claim 74, wherein said appearance characteristics comprise one or more of the group consisting of color in which data is rendered in the annotation label, background color of the annotation label, and border characteristics of the annotation label.

77. (Previously Presented) In a signal measurement system comprising an operating system and a graphical user interface, a method for graphically annotating measurement

waveforms displayed in a waveform display of the graphical user interface, the method comprising:

enabling an operator to graphically generate an annotation label containing operator-generated information; and

enabling an operator to position said annotation label to any location on the waveform display.

78. (Previously Presented) The system of claim 77, wherein the operator can control appearance characteristics of said plurality of annotation labels displayed on said graphical user interface.